

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-5 (canceled).

Claim 6 (new): An apparatus for compensating the scattering of a wavelength division multiplex (WDM) signal comprising:
a Bragg filter; and
a mirror that changes the angle of incidence of a light beam transmitting the WDM signal relative to the longitudinal axis of the Bragg filter, to effect a wavelength-dependent damping with variable gradient in the transmission range.

Claim 7 (new): The apparatus as claimed in claim 6, wherein the Bragg filter is arranged in a fixed position and the mirror is implemented as a first microelectromechanical system.

Claim 8 (new): The apparatus as claimed in claim 7, further comprising:
a further microelectromechanical system operatively coupled downstream of the Bragg filter further by means of which linear adjustment of the damping of the WDM signal is achieved.

Claim 9 (new): The apparatus as claimed in claim 7, wherein two mirror-filter combinations are connected in series.

Claim 10 (new): The apparatus as claimed in claim 6, further comprising a control device that measures the power of at least two control signals or data signals of the WDM signal or the total power of the WDM signal and adjusts the scattering or damping by control of the microelectromechanical systems.